

**Evarts, Sara**

1.6

From: Coppolino, Patricia <Patricia.Coppolino@state.vt.us>
Sent: Monday, October 07, 2013 6:11 PM
To: Kelly, John F.
Cc: Hornok, Gerald; Imbres, Carolyn
Subject: RE: Follow-up to Jard Company Inc. Site Questions
Attachments: 11.26.schiff.hornok.jard.soil.pdf; 6.9.schiff.coppolino.jard.pdf

Hi John, I'm working on some of your requests and will send within the next couple of days. For your other questions I have provided responses below.

Trish Coppolino, Brownfields Program Manager
p. 802.249.5822

1 National Life Drive - Davis 1
Montpelier, VT 05620-3704

<http://www.anr.state.vt.us/dec/wastediv/SMS/brownfields-home.htm>

From: Kelly, John F. [mailto:John.F.Kelly@WestonSolutions.com]
Sent: Thursday, October 03, 2013 1:12 PM
To: Coppolino, Patricia
Cc: Kelly, John F.; Hornok, Gerald; Imbres, Carolyn
Subject: Follow-up to Jard Company Inc. Site Questions

Trish,

Per our discussion to our follow-up to previous requests for information and additional questions, could you please provide information regarding the following items:

1 - Could the State confirm, preferably in writing (e.g., an email with a hand-written signature), the number of residents at the (b) (6) who were living there at the time of sample collection on 20 September 2010? During the Jard site walk on 20 November 2012 Trish had indicated there were 6 to 7 people residing there at the time the sample indicating contamination (1.8 ppb Aroclor 1016) was collected. I will provide something separate.

2 - Can the State please provide clarification on the sequence of events following the discovery of contamination in the drinking water sample collected from the (b) (6) well, again preferably in writing. Specifically, we want to be able to state in the HRS record that based on PCB contamination detected in the (b) (6) drinking water sample, the residents were told not to drink their well water and steps were taken to take the residence off of the contaminated private well and connect to the municipal supply. We also need to document a time-frame of when a specific number of residents were drinking contaminated water (e.g., 6 or 7 people at least between the time of sample collection (9/20/2012) -- if not much earlier -- and the day that the State informed the residents of the results (9/28 and 9/29?). Based on the 9/16 email from Trish, it sounds like the results of the drinking water sample were discussed with (b) (6) daughter (b) (6) on 9/28 and with (b) (6) on 9/29. Were they informed that due to the contamination detected in the results, the State recommended they do not drink their well water, and that steps would be taken to connect them to the municipal supply because of the PCB contamination detected in their drinking water? I will provide something separate.

3 - Can the State provide any information on the construction of the well at (b) (6)? Was this a shallow dug well similar to those at the (b) (6) residences? Is there any information on approximate total depth? I have requested this of the consultant at the time.

4 - Were the wells sampled in June 2012 at the residences at (b) (6) and (b) (6) active drinking water wells at the time of sampling? No

5 - Does the state know of any documentation for the river restoration project (possibly prepared for the State or Town)? Can you provide the references or where START could obtain information. The information I have is attached. If additional information is needed please contact Roy Schiff (contact information in attached)

6 - Does the State have any documentation/references between VT DEC and engineering firm/town regarding maintaining/keeping the soil from the Jard property on the site due to PCB contamination? This can be a conversation recollection, if need be. attached

7 - Access to state's (b) (6) File: Who is the project leader? Is the file digital and can we get access? This information could be possibly be helpful/utilized for attribution. Complete

If you have any questions regarding the information we are trying to obtain, don't hesitate to contact me, Gerry or Carolyn (978-552- 2122, X-2112, X-2105 respectively)

Thanks for the assistance you have already provide and in advance for these items.

John K.

John F. Kelly
Licensed Professional Geologist (NH 0314)
Project Manager / Deputy Program Manager

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From: Roy Schiff <roys@miloneandmacbroom.com>
Sent: Monday, November 26, 2012 4:27 PM
To: Hornok, Gerald; Coppolino, Patricia
Cc: dmonks@bennington.com; Kelly, John F.; Cahoon, Barry
Subject: RE: roaring branch

All of material excavated on the Jard parcel stayed on the Jard parcel since the stockpile is on the Jard parcel. I would estimate that over 95% of the excavation for phases 1 and 2 occurred on the Jard parcel. A small amount of material from the parcel closer to the Park street Bridge is on the bottom of the pile, and then the pile was formed with the excavated bermed material on the Jard site moving upstream. The second phase of work ended a little upstream of the Jard parcel line so a small amount of non-Jard material may be on the top of the stockpile. It should be noted that the majority of the excavation occurred closer to the river than the capped site.

Roy Schiff, PhD, PE
Water Resource Scientist and Engineer



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From: Hornok, Gerald [<mailto:Gerald.Hornok@WestonSolutions.com>]
Sent: Monday, November 26, 2012 2:06 PM
To: Roy Schiff; Coppolino, Patricia
Cc: dmonks@bennington.com; Kelly, John F.
Subject: RE: roaring branch

Do these volumes constitute the amount of material removed from the Jard property only? Does the constructed pile contain a mix of materials from the Jard property and off-site? We are looking for an estimate of material which was removed from the Jard property during the construction project and moved to the pile next door. Also, if the pile constitutes a mix of materials, is there any information as to 'where' in the pile the Jard material was placed (ie. Bottom, along the northern edge, encased in the middle, etc)?

From: Roy Schiff [<mailto:roys@miloneandmacbroom.com>]
Sent: Monday, November 26, 2012 1:36 PM
To: Coppolino, Patricia
Cc: dmonks@bennington.com; Hornok, Gerald; Kelly, John F.
Subject: RE: roaring branch

Trish,

Two phases of work were completed pre-Irene. The first took place in June-July 2010 and 15,700 cubic yards of fill along the river were excavated. Some material was used to form a new berm on the back of the floodplain adjacent to the Jard Site, while some went to the stockpile site between the state garage and Jard site.

The second phase of work took place in July-September 2010 and 19,300 cubic yards were moved. Note that some of this volume was rock that was reused to armor the new berm during the project.

Roy

Roy Schiff, PhD, PE
Water Resource Scientist and Engineer



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From: Coppolino, Patricia [<mailto:Patricia.Coppolino@state.vt.us>]
Sent: Tuesday, November 20, 2012 9:03 PM
To: Roy Schiff
Cc: dmonks@bennington.com; Hornok, Gerald; Kelly, John F.
Subject: RE: roaring branch

Hi Roy and Dan - could one of you potentially give me an estimate of the volume of soil that was removed during the first flood plain restoration (before Irene) that was stockpiled next to the cap at the JARD site.

Also, Dan do you have any photos of the cap when the levy was breached from Roaring Branch Flooding due to TSI?

Thanks -Trish

From: Roy Schiff [roys@miloneandmacbroom.com]
Sent: Wednesday, September 01, 2010 9:32 AM
To: Coppolino, Patricia; Cahoon, Barry
Cc: dmonks@bennington.com; Desch, George; Brian Cote; shurd@bennington.com; Kline, Mike
Subject: RE: roaring branch

The water line was rusted out and dry. The contractor removed it with the fill when digging the trench for the armor key.

Roy

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From: Coppolino, Patricia [<mailto:Patricia.Coppolino@state.vt.us>]
Sent: Tue 8/31/2010 11:59 AM
To: Roy Schiff; Cahoon, Barry
Cc: dmonks@bennington.com; Desch, George; Brian Cote; shurd@bennington.com; Kline, Mike
Subject: RE: roaring branch

Hi Roy (and everyone else),
I wanted to bring this to your attention as it was just brought to ours. There is a water line that runs under the JARD property to the Veteran's Home. The easement on our site cap drawing (attached) shows the line running from the southeast towards Park Street. An old engineering drawing we have says the line runs along the berms. I don't know what the depth of this line is or if it is still active (I'm trying to determine that last part). I do know that the line is 6" and apparently has a lot of water pressure associated with it (old maps state 125 lbs per sq. inch!!)

Trish Coppolino
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From: Roy Schiff <roys@miloneandmacbroom.com>
Sent: Wednesday, June 09, 2010 2:09 PM
To: Coppolino, Patricia; Cahoon, Barry
Cc: dmonks@bennington.com; Brian Cote; shurd@bennington.com; Rhonda Kay; Daniel Baston; Kline, Mike
Subject: RE: roaring branch

Trish,

The first phase of construction is planned to begin within a week. As we have talked about in the past, we are planning to work around the wells in place to maintain them. Our contractor has HazWopper training and will be providing us with a health and safety plan prior to beginning work. Excavated fill will be deposited on the same parcel in an area behind berms that has been recently cleared to the northeast of the former building location.

It looks like one proposed monitoring well is located where we plan to be excavating. When will the southwest-most well be installed? We are meeting on site tomorrow with the contractor so will have a better understanding of their schedule.

Roy

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From: Coppolino, Patricia [<mailto:Patricia.Coppolino@state.vt.us>]
Sent: Wed 6/9/2010 12:22 PM
To: Roy Schiff; Cahoon, Barry
Cc: dmonks@bennington.com; Brian Cote; shurd@bennington.com; 'Rhonda Kay'; Daniel Baston
Subject: RE: roaring branch

Hi,

We are getting ready to start additional groundwater investigation at the JARD site. I have attached a site map that shows proposed monitoring well/piezometer installation locations (there will be an additional piezometer installed downgradient of Park Street bridge). PLEASE let me know if this will impact what you are currently doing out there and if so how we can work together to ensure that we can get our monitoring locations installed.

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From: Roy Schiff [<mailto:roys@miloneandmacbroom.com>]
Sent: Wednesday, November 11, 2009 5:24 PM
To: Cahoon, Barry
Cc: dmonks@bennington.com; Desch, George; Coppolino, Patricia; Brian Cote; shurd@bennington.com
Subject: roaring branch

barry,

attached is a site plan of the roaring branch floodplain restoration project adjacent to the jard property showing surveyed jard site bounds, surveyed local topo, existing cap location, previous remediation grading limits location,

monitoring well locations, and past soil sample locations.

1. it is confirmed that the placement of the proposed berm avoids the cap location. it brushes up against the limits of grading during site remediation. this delineation is approximate based on a sketch on the remediation plan from an as built. we plan to flag the edge of the swale to be the limit of our proposed berm during stakeout.

2. 4 wells are in our proposed excavation area and will be maintained and cut at the new grade.

3. 3 wells are in the proposed fill location and may need extensions

4. soils with elevated concentrations of pcbs at the surface are located in the proposed excavation and berm areas.

roy